

Abstract

2 An antenna comprises an antenna feed line having first and second conductors. It also
3 comprises an antenna driver section having a pair of opposing cones. Each of the cones has an
4 apex region and the cones are arranged so that the apex regions are spaced apart and are adjacent.
5 One of the cones is connected to the first conductor and a second of the cones is connected to the
6 second conductor. The antenna also comprises an antenna beam shaper section. This section has
7 a beam shaper element with a beam shaping surface chosen to provide selected antenna operating
8 characteristics and also has a conforming surface that is in substantial conformity with a crotch
9 defined between the two cones.